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Approved for use through 11/30/2007. OMB 0651-0031  
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/697,557
	Filing Date	10/26/2000
	First Named Inventor	Charles C. Freeny, Jr.
	Art Unit	3621
	Examiner Name	John Winter
Total Number of Pages in This Submission	Attorney Docket Number	2551.049

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation of POA, Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<b>Certificate of Correction</b>
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	Remarks 1. Transmittal (1 page); 2. Request For Certificate of Correction of Patent (3 pages); 3. Certificate of Correction (2 pages); 4. Copies of Office Communication from Examiner, dated 12/01/2003 (2 pages) & AME dated 11/23/2004 (26 pages); and 5. Postcard.	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	DUNLAP, CODDING & ROGERS, P.C.		
Signature	<i>Marc Brockhaus</i>		
Printed name	Marc A. Brockhaus		
Date	02/25/2008	Reg. No.	40,923

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: *** EXPRESS MAIL NO. EV 887845725 US, DATED: 02/25/2008 ***			
Signature	<i>Marc Brockhaus</i>		
Typed or printed name	Marc A. Brockhaus	Date	02/25/2008

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent No.: 6,970,850 B1  
Serial No.: 09/697,557  
Issued: 11/29/2005  
Inventor: Charles C. Freeny, Jr.

Atty. Docket No.: 2551.049  
Customer No.: 30589

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR PTO AND/OR APPLICANT'S MISTAKES (37 CFR 1.322(a) and 1.323)**

Enclosed are:

- ☐ PTO-2038 Credit Card Form;
- ☐ sb17 Fee Transmittal Form;
- ☒ sb21 Transmittal Form;
- ☒ 2 sheet(s) of form sb44 Certificate of Correction; and
- ☒ pre-addressed Postal Card

**[ X ] PTO ERRORS**

The exact column and line number where the mistakes occur in the patent as well as reference to the exact page and line number where the correct information occurs in the application file:

Page 2, Under "References Cited - U.S. Patent Documents" insert the missing reference  
-- 5,844,808 12/1998 Konsmo et al. --  
(See Office Communication from Examiner, dated 12/01/2003, pg. 2 of 4 of IDS)

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Patent Application  
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In the Specification:

Column 5, line 41: After "customers" delete the " ; " and replace with -- . -- .  
(See application filed 10/26/2000, pg. 16, line 7).

Column 10, line 54: After "links" delete the " ; " and replace with -- . -- .  
(See application filed 10/26/2000, pg. 32, line 13).

Column 10, line 64: After "web-site" insert -- 30 -- .  
(See application filed 10/26/2000, pg. 33, line 4).

Column 12, line 42: After "customer" insert -- 15 -- .  
(See application filed 10/26/2000, pg. 38, line 9).

Column 14, line 13: After "local" delete " 15 ".  
(See application filed 10/26/2000, pg. 43, line 8).

Column 21, line 67: Before "described" delete " 11 ".  
(See application filed 10/26/2000, pg. 67, line 19).

Column 26, line 63: Delete "MBISAP" and replace with -- MB/SAP -- .  
(See application filed 10/26/2000, pg. 83, line 13).

Column 27, line 67: After "SB" delete " + ".  
(See application filed 10/26/2000, pg. 86, line 19).

Column 29, line 27: Delete "MDMISAP" and replace with -- MDM/SAP -- .  
(See application filed 10/26/2000, pg. 91, line 9).

Column 29, line 32: After "requested" delete the " . ".  
(See application filed 10/26/2000, pg. 91, line 12).

Column 29, line 53: After "a" and before "MUI" delete the " . ".  
(See application filed 10/26/2000, pg. 92, line 12).

Column 30, line 5: Delete "up/date" and replace with -- up date -- .  
(See application filed 10/26/2000, pg. 93, line 12).

Column 31, line 38: Before "MUI" delete " V " and replace with -- v -- .  
(See application filed 10/26/2000, pg. 98, line 6).

Column 31, line 66: Delete "(NIA)" and replace with -- (N/A) -- .  
(See application filed 10/26/2000, pg. 99, line 12).

Column 35, line 32: After "such" delete " : ".  
(See application filed 10/26/2000, pg. 110, line 11).

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Column 35, line 37: After "and" and before "MUI" delete the " . " .  
(See application filed 10/26/2000, pg. 110, line 15).

In the Claims:

Column 38, line 63: Delete "second" and replace with -- first -- .  
(See Amendment filed 11/23/2004, pg. 8, line 6)

Column 40, line 54: Delete "Including" and replace with -- including -- .  
(See Amendment filed 11/23/2004, pg. 16, line 21)

☒ No fee is submitted herewith.

#### ☐ APPLICANT'S ERRORS


It is noted that errors appear in this patent of a clerical or typographical nature or a minor character as more fully described below. These errors occurred in good faith, and correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination. Thus, a Certificate of Correction is requested.

The exact column and line number where the mistakes occur in the patent are:

☐ Payment by credit card. Form PTO-2038 is attached..

#### ☒ RETURN OF CERTIFICATE

Please send the Certificate of Correction to the undersigned.

  
\_\_\_\_\_  
Marc A. Brockhaus, Reg. No. 40,923  
DUNLAP CODDING & ROGERS, P.C.  
P.O. Box 16370  
Oklahoma City, Oklahoma 73113  
Telephone: 405/607-8600  
Facsimile: 405/607-8686

Attorney for Applicant

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**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 1 of 2

PATENT NO. : 6,970,850 B1  
APPLICATION NO.: 09/697,557  
ISSUE DATE : 11/29/2005  
INVENTOR(S) : Charles C. Freeny, Jr.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Page 2, Under "References Cited - U.S. Patent Documents" insert the missing reference  
– 5,844,808 12/1998 Konsmo et al. –

**In the Specification:**

Column 5, line 41: After "customers" delete the " ; " and replace with – . – .  
Column 10, line 54: After "links" delete the " ; " and replace with – . – .  
Column 10, line 64: After "web-site" insert – 30 – .  
Column 12, line 42: After "customer" insert -- 15 -- .  
Column 14, line 13: After "local" delete " 15 ".  
Column 21, line 67: Before "described" delete " 11 ".  
Column 26, line 63: Delete "MBISAP" and replace with -- MB/SAP -- .  
Column 27, line 67: After "SB" delete " + ".  
Column 29, line 27: Delete "MDMISAP" and replace with -- MDM/SAP -- .  
Column 29, line 32: After "requested" delete the " . ".  
Column 29, line 53: After "a" and before "MUI" delete the " . " .

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Dunlap Coddling & Rogers, P.C.  
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Oklahoma City, OK 73113

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**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 2 of 2

PATENT NO. : 6,970,850 B1  
APPLICATION NO.: 09/697,557  
ISSUE DATE : 11/29/2005  
INVENTOR(S) : Charles C. Freeny, Jr.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Cont'd from the Specification:**

Column 30, line 5: Delete "up/date" and replace with -- up date -- .  
Column 31, line 38: Before "MUI" delete " V " and replace with -- v -- .  
Column 31, line 66: Delete "(NIA)" and replace with -- (N/A) -- .  
Column 35, line 32: After "such" delete " : " .  
Column 35, line 37: After "and" and before "MUI" delete the " . " .

**In the Claims:**

Column 38, line 63: Delete "second" and replace with -- first -- .  
Column 40, line 54: Delete "Including" and replace with -- including -- .

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/697,557	12/01/2003	Charles C. Freeny JR.	2551.049	3375

30589 7590 12/01/2003

DUNLAP, CODDING & ROGERS P.C.  
PO BOX 16370  
OKLAHOMA CITY, OK 73113

EXAMINER

WINTER, JOHN M

ART UNIT	PAPER NUMBER
3621	

DATE MAILED: 12/01/2003

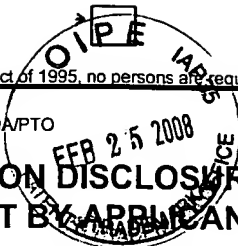
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Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet

2

of

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**Complete if Known**

<b>Application Number</b>	09/697,557
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<b>Filing Date</b>	10/26/2000
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<b>First Named Inventor</b>	Charles C. Freeny, Jr.
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Group Art Unit	2131
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Examiner Name	Unknown
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Attorney Docket Number	2551.049
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## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]Examiner  
Signature



Date Considered

11 Nov 03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Deposited On: November 23, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/697,557 Confirmation No.: 3375  
Applicant(s) : Freeny, Charles C. Jr.  
Filed : October 26, 2000  
TC/A.U. : 3621  
Examiner : John Winter  
Title : PROXIMITY SERVICE PROVIDER SYSTEM  
Docket No. : 2551.049  
Customer No. : 30589

MS Office of Publications  
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P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT UNDER 37 C.F.R. § 1.312**

Sir:

Pursuant to the provisions of 37 C.F.R. § 1.312, Applicant hereby requests entry of the following corrections in the above-referenced application, prior to payment of the Issue Fee.

**Amendment to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 25 of this paper.

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Amendments to the Claims:**

1. (currently amended) A method for managing a plurality of proximity service systems, comprising the steps of:
  - storing in a proximity service provider computer system a plurality of proximity service codes, each proximity service code being uniquely associated with one or more proximity service systems, each proximity service system providing a predetermined service in response to receiving an authorization code from a proximity authorization unit;
  - providing access to the proximity service codes stored in the proximity service provider computer system to a customer;
  - receiving from the customer the customer's selection of one or more of the proximity service codes stored in the proximity service provider computer system by inputting a customer code uniquely identifying the particular customer and an identification of the selected proximity service codes;

providing to the customer by the proximity service provider computer system a proximity authorization code ~~unique~~ unique to the customer for the selected proximity service code and unique for the selected proximity authorization unit and a system customer code uniquely identifying the customer, the proximity authorization code permitting the customer to operate proximity service systems associated with the proximity service code by outputting the proximity authorization code by the customer using the customer's proximity authorization unit for activating one of the proximity service systems associated with the selected proximity service codes to provide the predetermined service; and

receiving information, by the proximity service provider computer system, from the proximity service systems indicating usage of the proximity service systems, the information including proximity authorization codes identifying the customers using the proximity service systems, and proximity service codes identifying the proximity service systems, wherein at least some of the proximity service systems are owned by a first owner, and at least some of the proximity service systems are owned by a second owner, and wherein the method further comprises the steps of outputting a statement for the first owner indicative of usage of the proximity

service systems owned by the first owner, and outputting a statement for the second owner indicative of usage of the proximity service systems owned by the second owner.

2. (original) The method of claim 1, further comprising the steps of:

displaying to the customer a list of proximity authorization units by the proximity service provider computer system that are available to authorize the proximity service systems associated with the selected proximity service codes; and

receiving from the customer the customer's selection of at least one of the displayed proximity authorization units.

3. (original) The method of claim 1, further comprising the step of establishing the proximity service provider computer system as a web site on the Internet.

4. (previously canceled) The method of claim 1, further comprising the step of receiving information, by the proximity service provider computer system, from the proximity service systems indicating usage of the proximity service systems, the information including proximity authorization codes identifying the customers using the proximity service systems, and proximity service codes identifying the proximity service systems.

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5. (previously amended) The method of claim 1, further comprising the steps of collecting money from a third party based on the information received by the proximity service provider computer system indicating usage of the proximity service systems; and placing the money into a predetermined account of an owner of at least some of the proximity service systems.

6. (original) The method of claim 5, wherein the third party is a legacy card company.

7. (previously canceled) The method of claim 4, wherein at least some of the proximity service systems are owned by a first owner, and at least some of the proximity service systems are owned by a second owner, and wherein the method further comprises the steps of outputting a statement for the first owner indicative of usage of the proximity service systems owned by the first owner, and outputting a statement for the second owner indicative of usage of the proximity service systems owned by the second owner.

8. (previously amended) The method of claim 1, further comprising the step of outputting a statement for each customer identified by the proximity

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authorization codes received by the proximity service provider computer system indicating usage of the proximity service systems.

9. (original) The method of claim 8, wherein in the step of outputting the statement, the statement includes the location of the proximity service systems providing the predetermined services, the amounts paid, and the dates of the providing of the predetermined services.

10. (canceled) The method of claim 1, further comprising the step of outputting a statement for each customer identified by the proximity authorization codes received by the proximity service provider computer system indicating usage of the proximity service systems.

11. (canceled) The method of claim 10, wherein in the step of outputting the statement, the statement includes the location of the proximity service systems providing the predetermined services, the amounts paid, and the dates of the providing of the predetermined services.

12. (currently amended) A method for managing a plurality of proximity service systems, comprising the steps of:

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storing in a proximity service provider computer system a plurality of proximity service codes, each proximity service code being uniquely associated with one or more proximity service systems, each proximity service system providing a predetermined service in response to receiving an authorization code from a proximity authorization unit;

providing access to the proximity service codes stored in the proximity service provider computer system to a customer;

receiving from the customer the customer's selection of one or more of the proximity service codes stored in the proximity service provider computer system by inputting a customer code uniquely identifying the particular customer and an identification of the selected proximity service codes;

providing to the customer by the proximity service provider computer system a proximity authorization code unique to the customer for the selected proximity service code and unique for the selected proximity authorization unit and a system customer code uniquely identifying the customer, the proximity authorization code permitting code permitting the customer to operate proximity service systems associated with the proximity service code by outputting the proximity authorization code by the customer using

the customer's proximity authorization unit for activating one of the proximity service systems associated with the selected proximity service codes to provide the predetermined service;

providing access to the proximity service codes stored in the proximity service provider computer system to a first operator;

receiving from [[a]] the first operator the ~~first~~ operator's selection of one or more of the proximity service codes stored in the proximity service provider computer system by inputting an identification of the selected proximity service codes;

providing access to the proximity service codes stored in the proximity service provider computer system to a second operator;

receiving from [[a]] the second operator the second operator's selection of one or more of the proximity service codes stored in the proximity service provider computer system by inputting an identification of the selected proximity service codes;

receiving information, by the proximity service provider computer system, from the proximity service systems indicating usage of the proximity service systems, the information including proximity authorization codes identifying the customers using the proximity service systems, and proximity service codes identifying the proximity service systems; and



outputting a statement for the first operator indicative of usage of the proximity service systems operated by the first operator, and outputting a statement for the second operator indicative of usage of the proximity service systems operated by the second operator.

13. (previously canceled) The method of claim 12, further comprising the step of receiving information, by the proximity service provider computer system, from the proximity service systems indicating usage of the proximity service systems, the information including proximity authorization codes identifying the customers using the proximity service systems, and proximity service codes identifying the proximity service systems.

14. (previously canceled) The method of claim 13, wherein at least some of the proximity service systems are registered to be operated by a first operator, and at least some of the proximity service systems are registered to be operated by a second operator, and wherein the method further comprises the steps of outputting a statement for the first operator indicative of usage of the proximity service systems operated by the first operator, and outputting a statement for the second operator indicative of usage of the proximity service systems operated by the second operator.

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15. (original) The method of claim 1, wherein the proximity service systems are selected from a group of proximity service systems comprising access services, vending machine services, vehicle services, meter services, audio and/or video communication services, and toll services.

16. (original) The method of claim 1, wherein an owner of the proximity service provider computer system guarantees payment to an owner of at least one of the proximity service systems when the proximity service system owned by the owner is operated by a proximity authorization code provided to the customer by the proximity service provider computer system.

17. (original) The method of claim 1, wherein in the step of storing in the proximity service provider computer system the plurality of proximity service codes, the proximity service provider computer system is defined further as a plurality of Web sites established on the Internet.

18. (original) The method of claim 17, wherein in the step of storing in the proximity service provider computer system the plurality of proximity service codes, each of the Web sites is directed to providing services for at least one type of proximity service system selected from the group comprising access

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services, vending machines services, vehicle services, meter services, audio and/or video communications services, and toll services.

19. (original) The method of claim 1, further comprising the steps of:

providing access to a plurality of individualized predetermined payment methods to the customer;

receiving from the customer the customer's selection of one or more of the individualized predetermined payment methods.

20. (previously amended) A method for managing a plurality of proximity service systems, comprising the steps of:

storing in a proximity service provider computer system a plurality of proximity service codes, each proximity service code being uniquely associated with one or more proximity service systems, each proximity service system providing a predetermined service in response to receiving an authorization code from a proximity authorization unit;

providing access to a plurality of individualized predetermined payment methods to the customer;

receiving from the customer the customer's selection of one or more of

the individualized predetermined payment methods;

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providing access to the proximity service codes stored in the proximity service provider computer system to a customer based on the customer's selection of the individualized predetermined payment methods;

receiving from the customer the customer's selection of one or more of the proximity service codes stored in the proximity service provider computer system by inputting a customer code uniquely identifying the particular customer and an identification of the selected proximity service codes; and

providing to the customer by the proximity service provider computer system a proximity authorization code unique to the customer for the selected proximity service code and unique for the selected proximity authorization unit and a system customer code uniquely identifying the customer, the proximity authorization code permitting the customer to operate proximity service systems associated with the proximity service code by outputting the proximity authorization code by the customer using the customer's proximity authorization unit for activating one of the proximity service systems associated with the selected proximity service codes to provide the predetermined service.

21. (original) The method of claim 1, further comprising the steps of:

providing access to a plurality of individualized predetermined payment methods to an owner of proximity service systems; and  
receiving from the owner of the owner's selection of one or more of the individualized predetermined payment methods.

22. (original) The method of claim 21, wherein at least one of the individualized predetermined payment methods are PSPS cyber card codes for permitting local authorization of transactions at the proximity service system.

23. (original) The method of claim 21, further comprising the step of outputting a cyber card code to be at least one of incorporated into and stored by selected proximity service systems associated with the owner.

24. (previously canceled) A method for authorizing a proximity service system to provide a predetermined service without obtaining remote authorization for each transaction, comprising the steps of:

storing, by the proximity service system, a service provider identification number and a cipher algorithm;  
receiving, by the proximity service system, a customer access cyber card code;

processing, by the proximity service system, the customer access cyber card code with the cipher algorithm to produce a code;  
comparing, by the proximity service system, the service provider identification number with the code; and  
providing, by the proximity service system, the predetermined service if the service provider identification number corresponds with the code in a predetermined manner.

25. (currently amended) A local authorization system comprising:

a plurality of proximity authorization units, each proximity authorization unit capable of storing and outputting a unique request authorization code;

a proximity service provider providing a unique request authorization code to each of the proximity authorization units and each of the proximity authorization units storing the request authorization code provided by the proximity service provider, the request authorization code including a proximity service provider code and a customer code, the proximity service provider code uniquely identifying the proximity service provider providing the request authorization code to the proximity authorization unit and the customer code uniquely identifying a particular customer, the

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request authorization codes provided to the proximity authorization units being encrypted with a private key associated with the proximity service provider;

a plurality of proximity service units, each proximity service unit providing a predetermined service when activated in response to receiving and validating the request authorization code from one of the proximity authorization units, each proximity service unit receiving and storing a public key and the proximity service provider code from the proximity service provider, each proximity service unit validating each request authorization code received from one of the proximity authorization units by decrypting the request authorization codes with the public key and comparing the proximity service provider code received by the proximity service unit from the proximity service provider with the proximity service provider code decrypted from the request authorization codes received from the proximity authorization units, the proximity ~~service~~ service unit providing the predetermined service upon matching the proximity service provider code received by the proximity service unit with the proximity service provider code decrypted from the request authorization code received from the proximity authorization unit.

26. (Previously amended) A proximity service provider system for managing a plurality of proximity service systems, the proximity service provider system comprising:

at least one PSPS Web site established on the Internet, the PSPS Web site comprising:

an owner database server receiving an owner's offering of proximity service systems, including a physical location for each proximity service system, a payment method for each proximity service system and a financial location for depositing money collected from usage of the proximity service systems, each of the proximity service systems being identified by a stored proximity service code, the payment method selected by the owner for each proximity service system serving as a predetermined payment method for the particular proximity service system;

a customer database server permitting a customer to select proximity service systems identified by the stored proximity service codes in the owner database server, the customer database server receiving a customer's selection of proximity service systems offered by the owner of the proximity service systems, the customer's selection including



a selection of a payment method from the predetermined payment methods for each proximity service system selected by the customer; and further wherein the PSPS Web Site is constructed by a method comprising the steps of:

providing a master operating software system designed by the steps of:

providing, first, a design matrix having at least two axes with the system application programs being represented on one of the axes, and user requirement elements for providing services to at least two of users of proximity services, owners of proximity services, operators of proximity services and financial services being represented by another one of the axes, the system application programs each defining a particular technology, and each of the user requirement elements defining a particular user requirement;

locating one unique intersection point between each of the user requirement elements

represented on one of the axes and the system application programs represented by another one of the axes in the design matrix; and

developing a technology converter requirement for each intersection point, each technology converter requirement using the system application program at each intersection point to develop an output satisfying the user requirement element at the corresponding intersection point.

27. (previously canceled) The proximity service provider system of claim 26, wherein the PSPS Web Site is constructed by a method comprising the steps of: providing a master operating software system designed by the steps of: providing, first, a design matrix having at least two axes with the system application programs being represented on one of the axes, and user requirement elements for providing services to at least two of users of proximity services, owners of proximity services, operators of proximity services and financial services being represented by another one of the axes, the system application programs each defining a particular

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FEB 28 2008

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FEB 28 2008

technology, and each of the user requirement elements defining a particular user requirement;

locating one unique intersection point between each of the user requirement elements represented on one of the axes and the system application programs represented by another one of the axes in the design matrix; and

developing a technology converter requirement for each intersection point, each technology converter requirement using the system application program at each intersection point to develop an output satisfying the user requirement element at the corresponding intersection point.

28. (original) The proximity service provider system of claim 26, wherein the owner database server receives information from the proximity service systems indicating usage of the proximity service systems, the information including proximity authorization codes identifying the customers using the proximity service systems, and proximity service codes identifying the proximity service systems.

29. (original) The proximity service provider system of claim 28, further comprising the steps of collecting money from a third party based on the information received by the owner database server indicating usage of the

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FEB 28 2008

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Patent Division

FEB 28 2008

proximity service systems; and placing the money into the financial location designated by the owner of at least some of the proximity service systems.

30. (original) The proximity service provider system of claim 29, wherein the third party is a legacy card company.

31. (currently amended) A proximity service provider system for managing a plurality of proximity service systems, the proximity service provider system comprising:

at least one PSPS Web site established on the Internet, the PSPS Web site comprising:

an owner database server receiving a first owner's offering of proximity service systems, including a physical location for each proximity service system, a payment method for each proximity service system and a financial location for depositing money collected from usage of the proximity service systems, each of the proximity service systems offered by the first owner being identified by a stored proximity service code, the payment method selected by the first owner for each proximity service system serving as a predetermined payment method for the particular proximity

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FEB 28 2008

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FEB 28 2008

FEB 28 2008

service system, and receiving a second owner's offering, the offering, the owner database server receiving a second owner's offering of proximity service systems, including a physical location for each proximity service system, a payment method for each proximity service system and a financial location for depositing money collected from usage of the proximity service systems, each of the proximity service systems offered by the second owner being identified by a stored proximity service code, the payment method selected by the second owner for each proximity service system serving as a predetermined payment method for the particular proximity service system;

a customer database server permitting a customer to select proximity service systems identified by the stored proximity service codes in the owner database server, the customer database server receiving a customer's selection of proximity service systems offered by the owner of the proximity service systems, the customer's selection including a selection of a payment method from the predetermined payment methods for each proximity service system selected by the customer;

FEB 28 2008

wherein the owner database server receives information from the proximity service systems indicating usage of the proximity service systems, the information including proximity authorization codes identifying the customers using the proximity service systems, and proximity service codes identifying the proximity service systems; and

wherein the owner database server outputs a statement for the first owner indicative of usage of the proximity service systems owned by the first owner, and outputs a statement for the second owner indicative of usage of the proximity service systems owned by the second owner.

32. (previously amended) The proximity service provider system of claim 31, wherein the customer database server outputs a statement for each customer identified by the proximity authorization codes received by the owner database server indicating usage of the proximity service systems.

33. (previously amended) The proximity service provider system of claim 31, further comprising an operator database server permitting an operator to select proximity service systems identified by the stored proximity service code in the owner database server.

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FEB 28 2008

34. (original) The proximity service provider system of claim 33, wherein the operator database server receives information from the proximity service systems indicating usage of the proximity service systems, the information including proximity authorization codes identifying the customers using the proximity service systems, and proximity service codes identifying the proximity service systems.

35. (previously canceled) The proximity service provider system of claim 34, wherein at least some of the proximity service systems are registered to be operated by a first operator, and at least some of the proximity service systems are registered to be operated by a second operator, and wherein the operator database server outputs a statement for the first operator indicative of usage of the proximity service systems operated by the first operator, and outputs a statement for the second operator indicative of usage of the proximity service systems operated by the second operator.

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36. (previously amended) The proximity service provider system of claim 31,

FEB 28 2008

wherein the proximity service systems are selected from a group of proximity service systems comprising access services, vending machine services, vehicle

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FEB 28 2008

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Pat. Publication

2008

FEB 28 2008

services, meter services, audio and/or video communication services, and toll services.



### **REMARKS**

This amendment is submitted under the provisions of 37 C.F.R. § 1.312 prior to payment of the issue fee. Claims 1, 12, 25 and 31 have been amended to correct typographical errors in the claims, which were discovered during a final proofreading of the application. Claim 12 has also been amended to reflect proper antecedent basis in the claim. Further, claims 10 and 11 have been cancelled because they are repetitive of the subject matter claimed in claims 8 and 9.

No substantive changes have been made in the application. Such amendments do not introduce any new matter requiring an additional search by the Examiner, and will not create a burden on the Examiner. Therefore, Applicant respectfully requests that such amendments be entered into the record.

### **Conclusion**

Should the Examiner have any questions or comments concerning the before-mentioned amendments to the application or any other matter, Applicant's agent will welcome the opportunity to discuss the same with the Examiner.

Respectfully submitted,

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